

## **J-3**      **Real & Relevant Project-Based Learning (Gr. K-12)**



**LORI ELLIOTT, Ed.D.** 

Lori is an energetic, passionate, National Board Certified classroom teacher and trainer. She is also a SMART™ certified trainer. Lori has taught students in first through fourth grades and uses her daily classroom experience to enhance her session presentations. She believes that integrating technology into instruction is a powerful way to enrich teaching and motivate students.

### **PUBLISHED WORKS:**

#### **Teacher Resources:**

*Teach Like a Techie*

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## 21<sup>st</sup> Century Skills

### Partnership for 21<sup>st</sup> Century Skills

<http://www.p21.org/>

#### Core Subjects and 21<sup>st</sup> Century Themes

- Global Awareness
- Financial, Economic, Business, and Entrepreneurial Literacy
- Civic Literacy
- Health Literacy
- Environmental Literacy

#### Learning and Innovation Skills

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration

#### Information, Media and Technology Skills

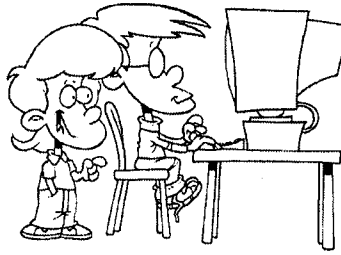
- Information Literacy
- Media Literacy
- ICT (Information, Communications and Technology) Literacy

#### Life and Career Skills

- Flexibility and Adaptability
- Initiative and Self-Direction
- Social and Cross-Cultural Skills
- Productivity and Accountability
- Leadership and Responsibility

"Business executives place the greatest emphasis on teamwork skills, critical thinking, analytical reasoning skills, and communication skills when evaluating the skills of potential new hires"

Hart and Associates, 2007



## 21<sup>st</sup> Century Literacy

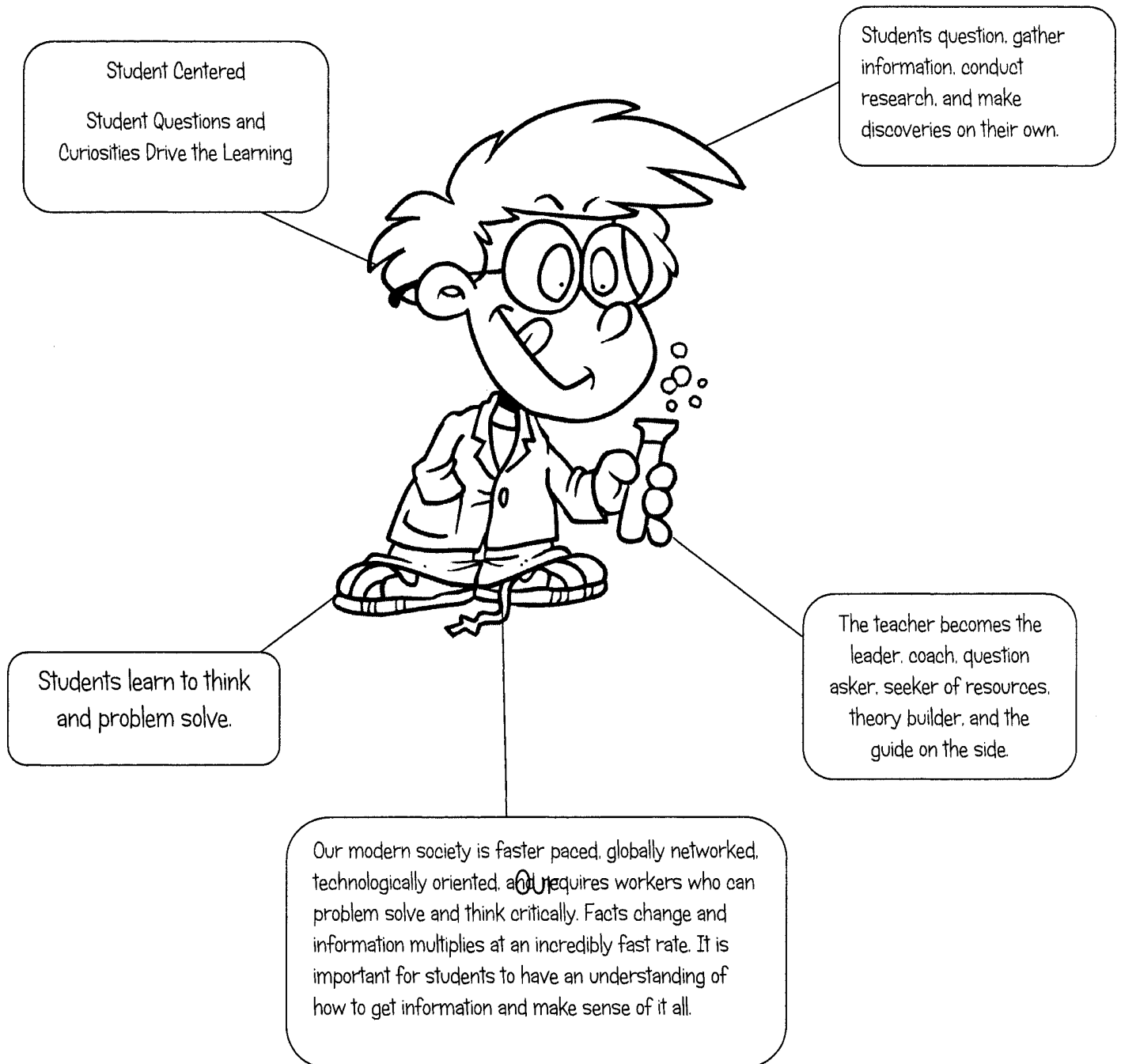
Twenty-first century readers and writers need to:

- Develop proficiency with the tools of technology
- Build relationships with others to pose and solve problems collaboratively and cross-culturally
- Design and share information for global communities to meet a variety of purposes
- Manage, analyze and synthesize multiple streams of simultaneous information
- Create, critique, analyze, and evaluate multi-media texts
- Attend to the ethical responsibilities required by these complex environments

(NCTE Definition, 2008)

Are your students 21<sup>st</sup> Century Readers and Writers?

# Inquiry Based Teaching and Learning



# Inquiry Teaching Ideas

WebQuests



Online  
Collaborative  
Projects



Student Designed  
Projects

Project Based  
Learning





What is scaffolding?

Scaffolding is an instructional strategy that involves supporting novice learners by limiting the complexities of the context and gradually removing those limits as learners gain the knowledge, skills, and confidence to cope with the full complexity of the context (Young, 1993). Scaffolding is breaking a task into manageable chunks.

Why scaffold?

- Provides clear directions
- Provides a Purpose... Answers the Why? Question
- Keeps students on task
- Provides assessment

What do we scaffold?

We can scaffold one lesson, lessons building on top of each other in a unit, or the process of a project.

Examples of Scaffolds:

- Thinking Aloud
- Graphic Organizers
- Scoring Guides and Checklists
- Cooperative Learning
- Coaching
- Conferring
- Listening or Viewing Guides
- Templates
- Modeling
- Questioning

Reflections/Thoughts:

# WebQuests

An inquiry-oriented activity in which some or all of the information that learners interact with comes from resources on the Internet

Bernie Dodge

## WebQuest 1.0

- Introduction
- Task
- Process
- Resources
- Conclusion
- Evaluation

## WebQuest 2.0

- Incorporating Blogs and Wikis

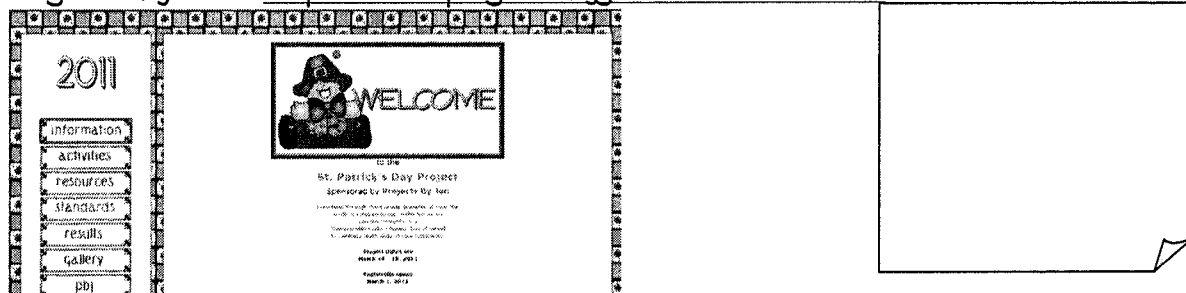
## WebQuest 3.0

- Incorporating Handheld Devices

<http://questgarden.com/>

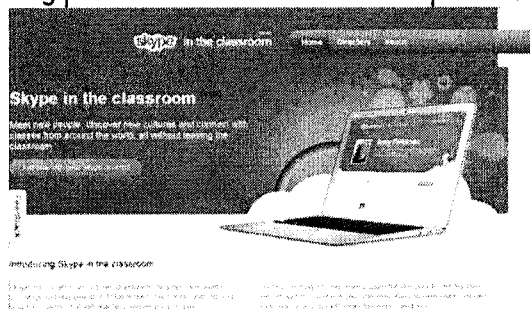
# Online Collaborative Projects

Projects by Jen: <http://www.projectsbyjen.com/index.htm>



Online, collaborative projects: If you have never done an online project, this is a good place to start.

Skype in the Classroom: <http://education.skype.com/>



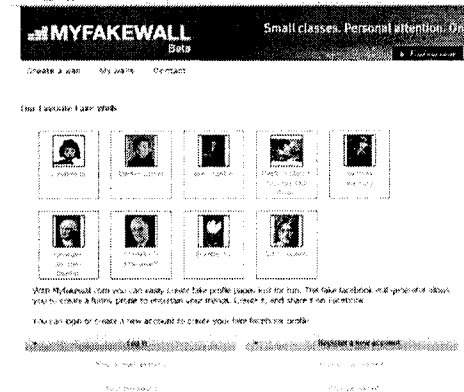
Connect with other classrooms and experts across the country and world.



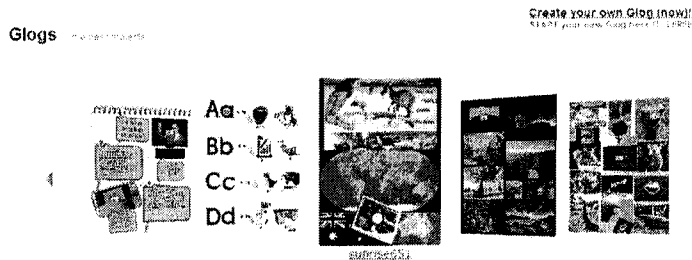


## Student Designed Projects

My Fake Wall: <http://www.myfakewall.com/>



Let students show what they know about a famous person or book character using a format that is familiar.



Glogster:

<http://edu.glogster.com/>



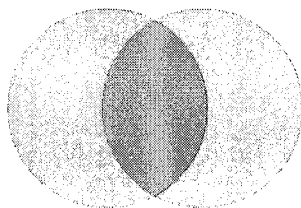
## Graphic Organizers

Class Tools: <http://classtools.net/>

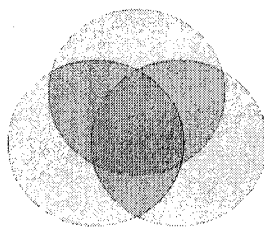


## Choose a Venn Template

## 2-Circle



### 3-Circle



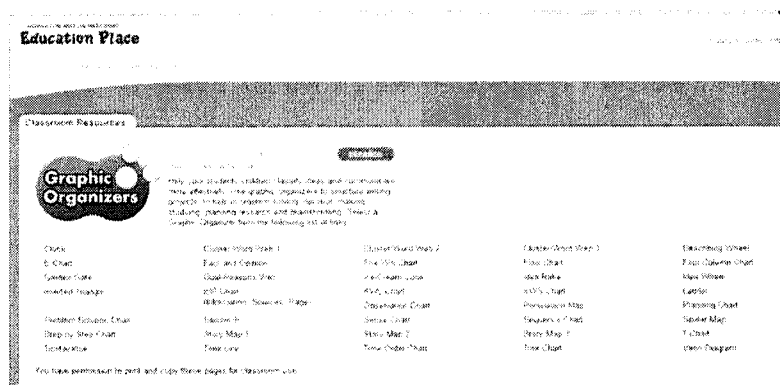
## Timeline Hamburger

## Jigsaw Puzzle

## Fishbone

## How Can I Use This?

Eduplace: <http://www.eduplace.com/graphicorganizer/>



My Favorites:



List of Related Citations  
Project Based Learning  
PRESENTED BY STAFF DEVELOPMENT FOR EDUCATORS (SDE)

Dr. Lori Elliott 

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